

INTERNATIONAL SEARCH REPORT

International application No.

PCT/JP03/15101

A. CLASSIFICATION OF SUBJECT MATTER
Int.Cl⁷ C25B11/03, C25B9/00

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

Int.Cl⁷ C25B11/03, C25B9/00

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched
 Jitsuyo Shinan Koho 1922-1996 Toroku Jitsuyo Shinan Koho 1994-2004
 Kokai Jitsuyo Shinan Koho 1971-2004 Jitsuyo Shinan Toroku Koho 1996-2004

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	JP 2001-152380 A (Tokuyama Corp.), 05 June, 2001 (05.06.01), Full text (Family: none)	1-6
A	JP 8-109490 A (Daiso Co., Ltd.), 30 April, 1996 (30.04.96), Full text (Family: none)	1-6
A	WO 01/016398 A1 (Asahi Kasei Corp.), 08 March, 2001 (08.03.01), Full text & EP 1229148 A & CN 1364204 A	1-6

Further documents are listed in the continuation of Box C.

See patent family annex.

- * Special categories of cited documents:
- "A" document defining the general state of the art which is not considered to be of particular relevance
- "E" earlier document but published on or after the international filing date
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- "O" document referring to an oral disclosure, use, exhibition or other means
- "P" document published prior to the international filing date but later than the priority date claimed

- "T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
- "X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
- "Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art
- "&" document member of the same patent family

Date of the actual completion of the international search
26 February, 2004 (26.02.04)

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09 March, 2004 (09.03.04)

Name and mailing address of the ISA/
Japanese Patent Office

Authorized officer

Facsimile No.

Telephone No.

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C (Continuation). DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	EP 50373 A1 (ORONZIO DE NORA IMPIANTI ELETTRICO CHIMICI S.A.), 28 April, 1982 (28.04.82), Full text & JP 57-098682 A & US 4381979 A	1-6